

ABSTRACT

A filter for use in engines or transmissions is provided comprising an outlet-side cover having a first wave-like region along the periphery of the outlet-side cover, a filter media tray having a second wave-like region along the periphery of the filter media tray wherein the filter media tray second wave-like region is in a generally complementary alignment with the first wave-like region of the outlet-side cover, a filter media fixed in a non-planar configuration between the first wave-like region of the outlet-side cover and the second wave-like region of the filter media, and an inlet-side cover joined to the outlet-side cover, wherein the filter media and the filter media tray is between the inlet-side cover and the outlet-side cover.